

Notice of Allowability

Application No.

09/800,835

Examiner

Chuong Ho

Applicant(s)

JOST ET AL.

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2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-44.
3. ☒ The drawings filed on 07 March 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>2</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other ____. |

Allowable Subject Matter

1. Claims 1-44 are allowed.
2. The following is an examiner's statement of reasons for allowance: the prior art (6477185, 6765961, 6771657, 6466592, 6598233, 6359883, 6148082, 98/16067) of record does not appear to teach or render obvious the claimed limitations in combination with the specific added limitations, as recited from independent claims 1, 22: "one or more hidden PATs, each of hidden PATs being associated with an allowable predefined combination of multiplexed data stream subgroups and identified by a PID chosen from a first set of PIDs; and a hidden protocol data (HPD) base PID stream corresponding to each hidden PAT, each HPD base PID stream identified by a PID chosen from a second set of PIDs; selecting one hidden PAT corresponding to a desired multiplexed data stream subgroup combination; determining the protocol data makeup of the desired multiplexed data stream subgroup combination from the HPD base PID stream corresponding to the selected hidden PAD; discarding one or more of the all-inclusive PAT, the all-inclusive protocol base PID stream, any unused hidden PATs and HPD base PID streams, and any subgroups not contained in the desired multiplexed data streams subgroup combination; re-mapping the selected hidden PAT to a first predetermined PID; re-mapping the HPD base PID stream corresponding to the selected hidden PAT to a second predetermined PID".
3. The following is an examiner's statement of reasons for allowance: the prior art (6477185, 6765961, 6771657, 6466592, 6598233, 6359883, 6148082, 98/16067) of record does not appear to teach or render obvious the claimed limitations in

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combination with the specific added limitations, as recited from independent claims 43, 44: "creating for each defined combination of data stream subgroups a hidden PAT identified by a PID chosen from a first set of PIDs, each hidden PAT corresponding to the service contained in defined combination of data stream subgroups; creating for each hidden PAT a corresponding hidden protocol data (HPD) base PID stream identified by a PID chosen from a second set of PIDs; combined all-inclusive PAT, all-inclusive protocol base PID stream, hidden PATs, HPD base PID streams, and data stream subgroups to create a multiplexed data stream".

Conclusion

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong ho whose telephone number is (571)272-3133. The examiner can normally be reached on Monday-Friday from 8:00AM-4:00PM.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong Ho
Examiner
Art Unit 2664

09/19/04

A handwritten signature in black ink, appearing to be 'Wu' followed by a stylized flourish.